JUN 3 0 2006 Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE are required to respond to a collection of information unless it displays a valid OMB control number. perwork Reduction Act of 1995, no persons Application Number 10/084,845 Filing Date TRANSMITTAL February 26, 2002 First Named Inventor **FORM** Mustafa Pinarbasi Art Unit 2652 **Examiner Name** Davis, David Donald (to be used for all correspondence after initial filing) Attorney Docket Number HSJ920010039US1 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer **Extension of Time Request** below): Request for Refund **Express Abandonment Request** 1. Return Postcard. CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Please file. Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Intellectual Property Law Offices Signature Printed name Robert O. Guillot Date Reg. No. June 26, 2006 28.852 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with

sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Patricia Beilmann

Date June 26, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



UNITED STATES PATENT AND TRADEMARK OFFICE

flicant: Mustafa Pinarbasi et al. Docket No: SJO920010039US1

Serial No.: 10/084,845 Group Art Unit: 2652

Filed: February 26, 2002 Examiner: Davis, David Donald

For: SPIN VALVE STRUCTURE LAYER AND REDUCED PtMn ANTIFERROMAGNETIC

LAYER THICKNESS

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (1.97(b)(4))

This Information Disclosure Statement is filed before the mailing of a first Office Action after filing a Request for Continued Examination, 37 CFR 1.97(b)(4). The prior art identified herein was cited within the last 3 months in an Office Action of Applicant's divisional application SN 10/970,632 by Examiner Paul D. Kim.

Applicant submits herewith the references listed on the attached form PTO-1449 of which Applicant is aware which are believed to be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patent ability, nor an admission that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

In the event that: a) no check to cover the filing fee is enclosed, b) any above-referenced check is inadvertently omitted or lost, or c) any enclosed check is in an amount less than or greater than the required fee, the Commissioner is authorized to charge any required fees, additional fees, or credit any overpayment to Deposit Account 50-2587. A duplicate of this authorization is enclosed for that purpose.

Respectfully submitted,

Dated: June 26, 2006

KOBERT O. GUILLOT

Reg. No: 28,852

IPLO[®]
Intellectual Property Law Offices
1901 S. Bascom Avenue, Suite 660
Campbell, CA 95008

Telephone: (408) 558-9950 Facsimile: (408) 558-9960

CERTIFICATE OF MAILING (37CFR 1.8 (a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on June 26, 2006 with the U.S. Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: June 26, 2006

Patricia Beilmann

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE or the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

for form 1449/PTO ÎNFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/084,845 Filing Date February 26, 2002 First Named Inventor Mustafa Pinarbasi Art Unit 2652 **Examiner Name** Davis, David Donald SJ0920010039US1 Attorney Docket Number

(Use as many sheets as necessary)

Sheet 1

U. S. PATENT DOCUMENTS Examiner Cite Document Number Publication Date Name of Patentee or Pages, Columns, Lines, Where Initials* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code² (if known) US- 6,624,985 09-2003 Freitag et al. ^{US-} 6,317,299 11-2001 Pinarbasi, Mustafa US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Τ°
						L

Examiner	•		Date	
Signature			Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.usoto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B	(07-05)
------------	---------

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute of form 1449/PTO	e required to respond to a contection	of information unless it contains a valid OMB control number. Complete if Known
Substitute of the transfer of	Application Number	10/084,845
INFORMATION DISCLOSURE	Filing Date	February 26, 2002
STATEMENT BY APPLICANT	First Named Inventor	Mustafa Pinarbasi
(Use as many sheets as necessary)	Art Unit	2652
(Ose as many sneets as necessary)	Examiner Name	Davis, David Donald
Sheet 2 of 2	Attorney Docket Number	SJO920010039US1

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		Cho, H.S., et al., "Effect of Seed Layer on the Magnetoresistance Effect In a-CoNbZr-based Spin Valves"; MMM-Intermag Conference, 1998, Abstracts., The 7th Joint 6-9 Jan. 1998		
		·		
		·		

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.